

TITLE: LIQUID CRYSTAL DISPLAY DEVICE  
INVENTOR: DOUGLAS J. McKNIGHT et al.  
SN: 09/866,038; DATE FILED: 05/24/2001; DOCKET: 006.0056  
ATTY: VINCENT B. INGRASSIA; PHONE: (480) 385-5060

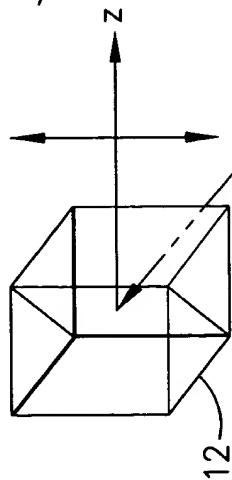
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LC DIRECTOR DESCRIBES  
A LEFT-HANDED  
TWIST THROUGH  
AN ANGLE  $\phi$

E-VECTOR OF POLARIZED  
LIGHT MAKES ANGLE  $\beta$   
WITH INPUT DIRECTOR

16

POLARIZING  
BEAMSPLITTER  
INPUT  
POLARIZATION  
E-VECTOR



OBSERVER



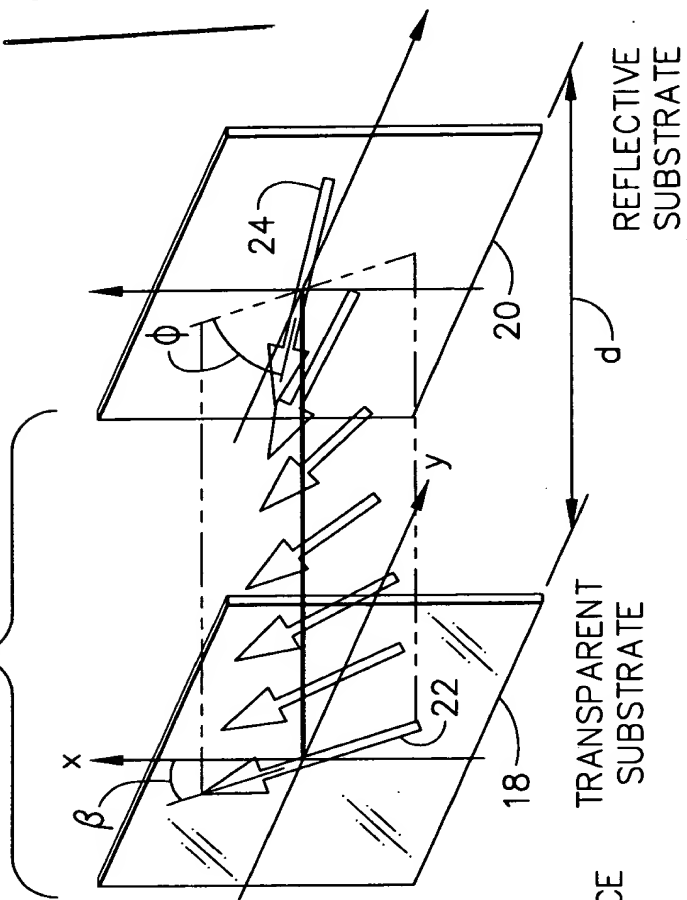
LIGHT SOURCE

TRANSPARENT  
SUBSTRATE

REFLECTIVE  
SUBSTRATE

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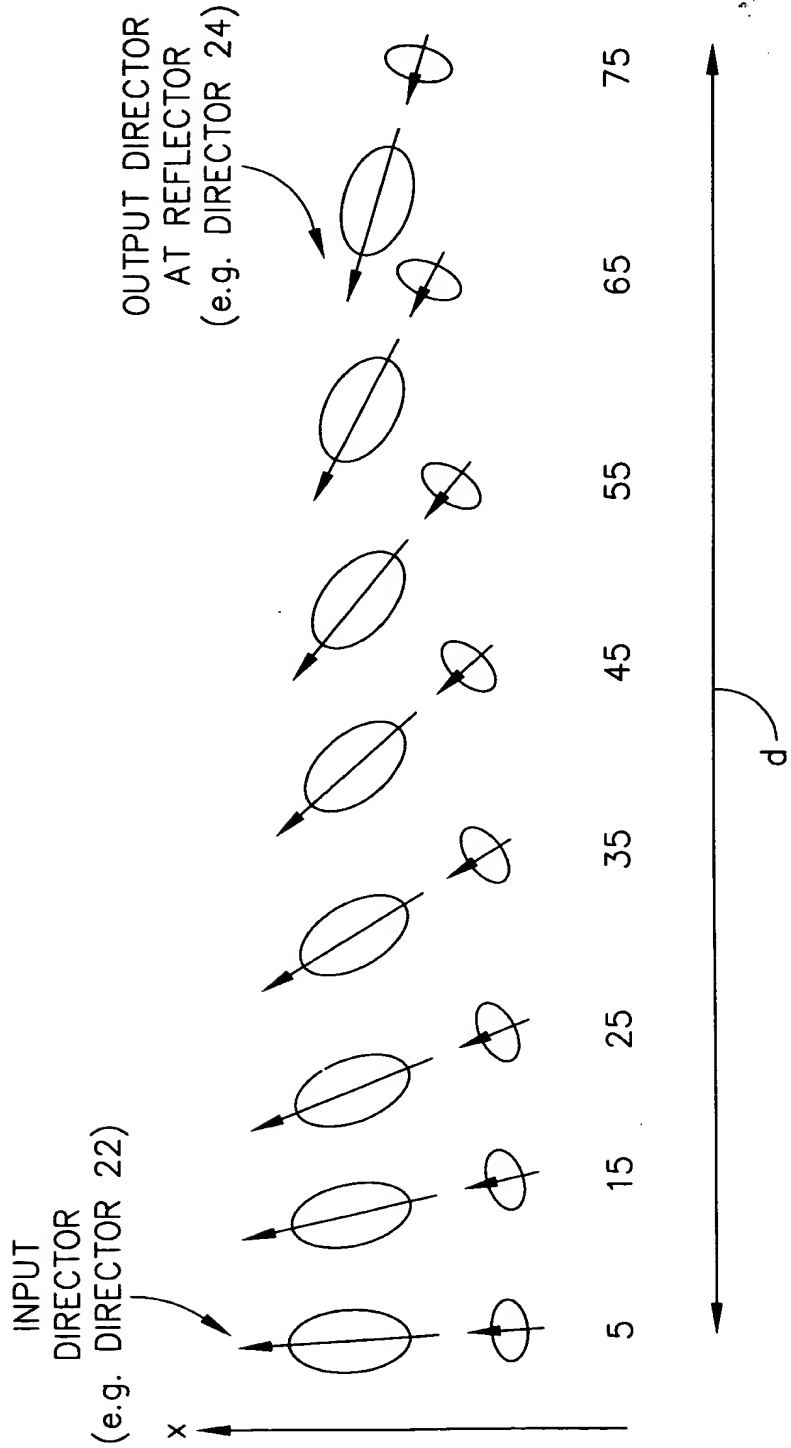
FIG. 1





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FIG. 2



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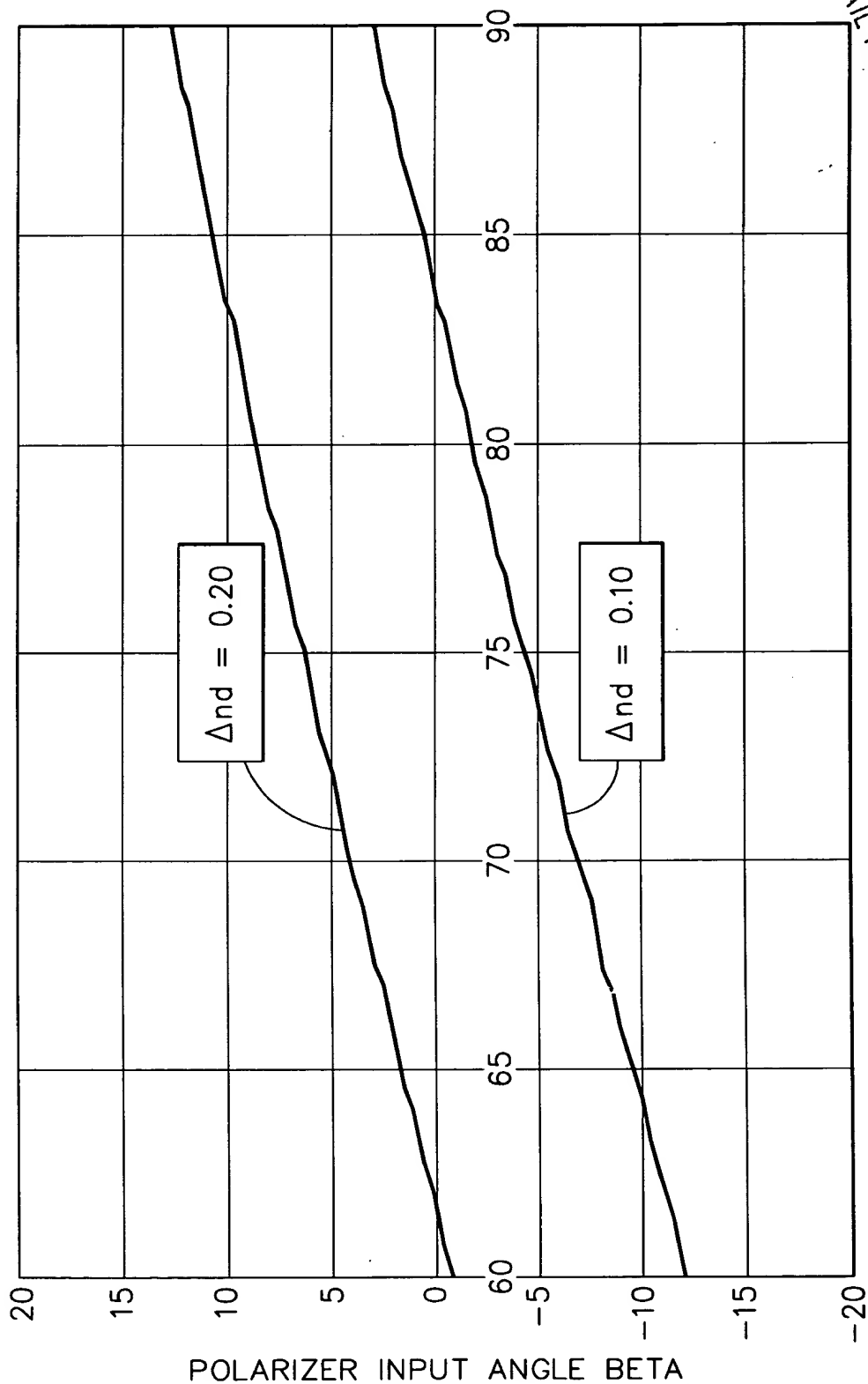


FIG. 3



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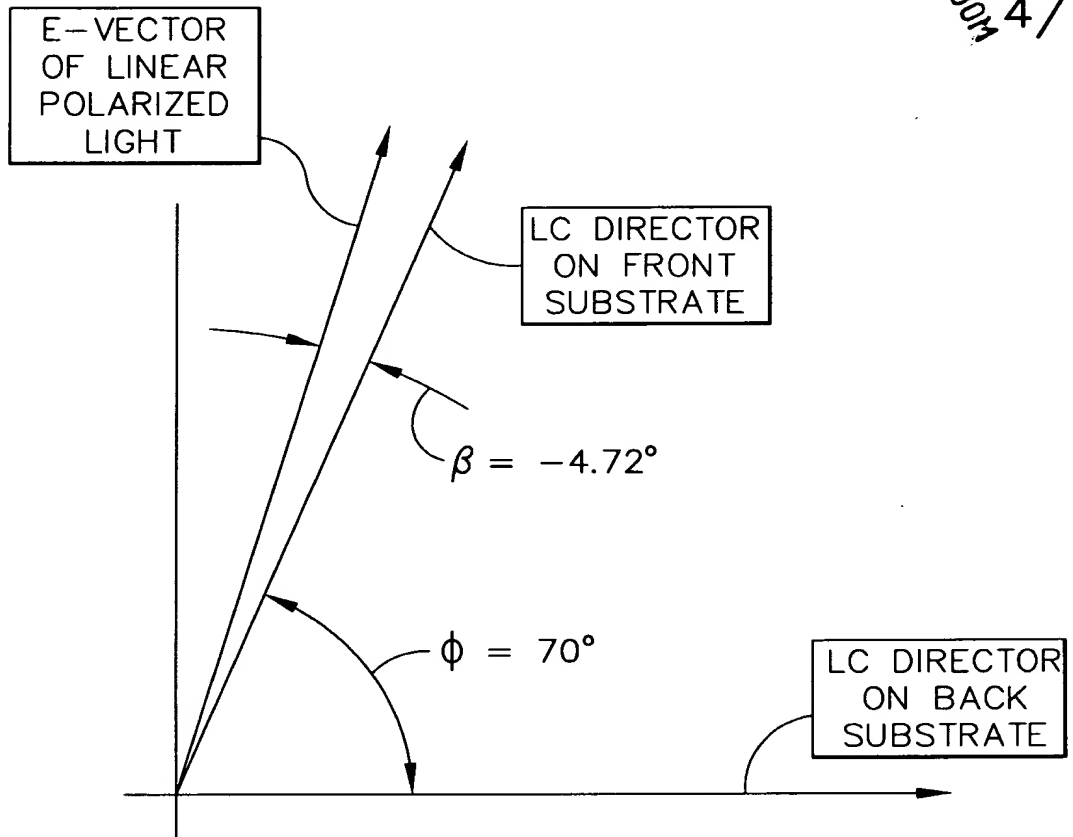


FIG. 4a

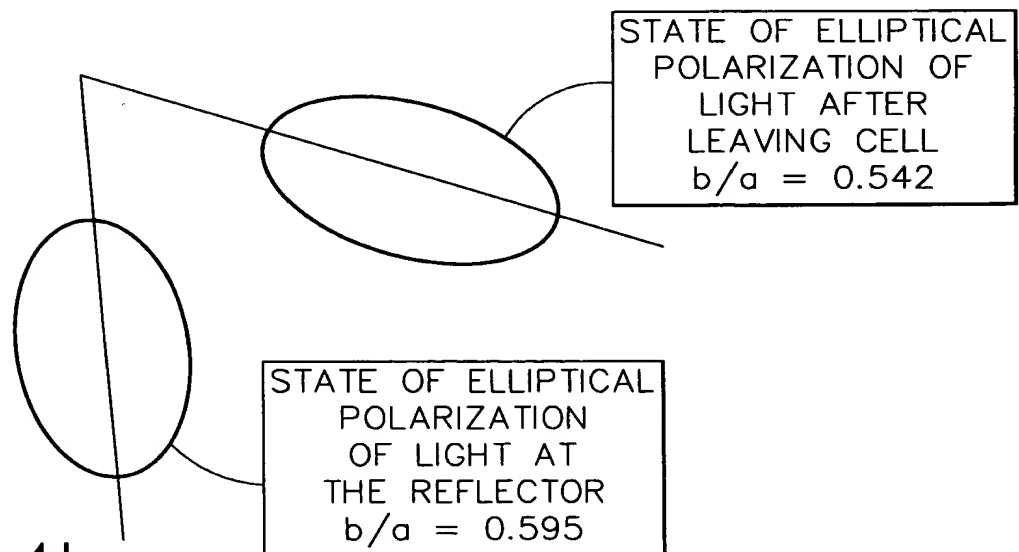
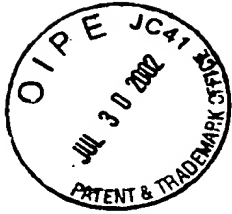


FIG. 4b



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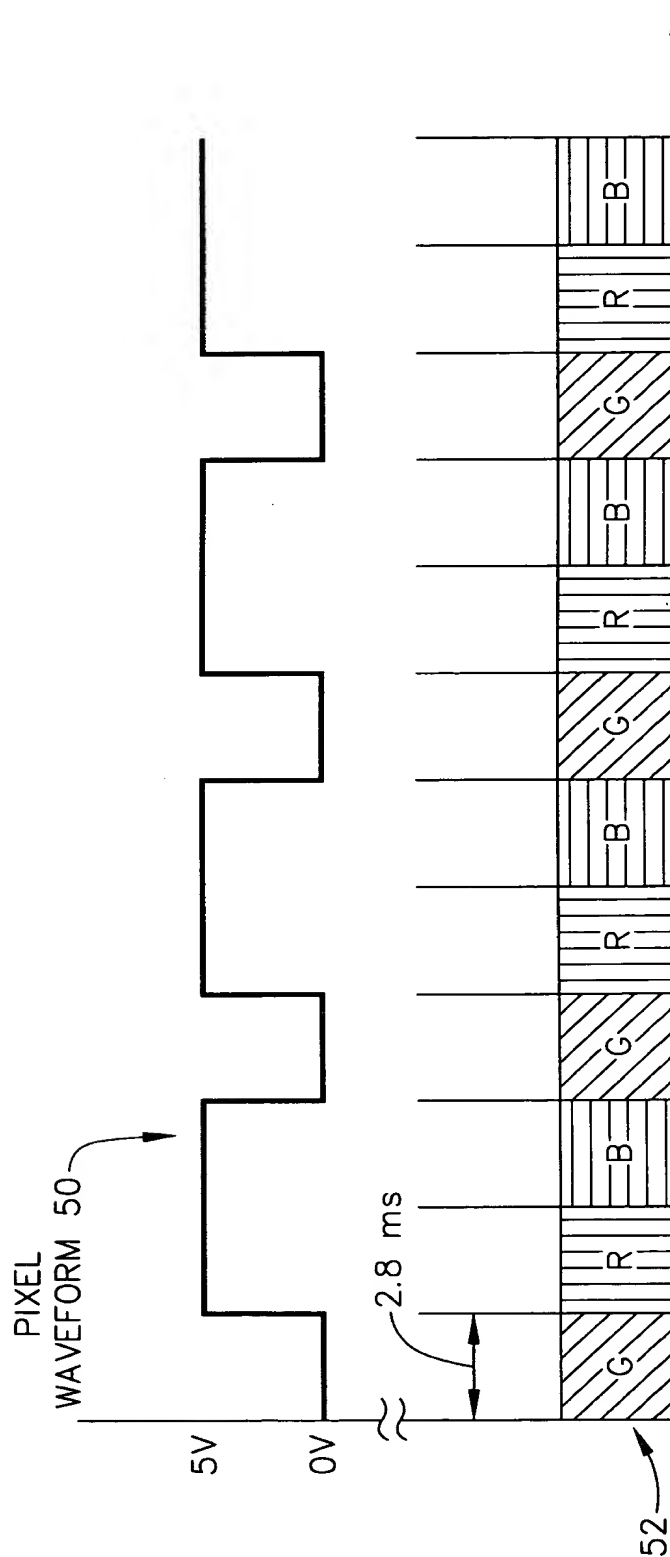


FIG. 5

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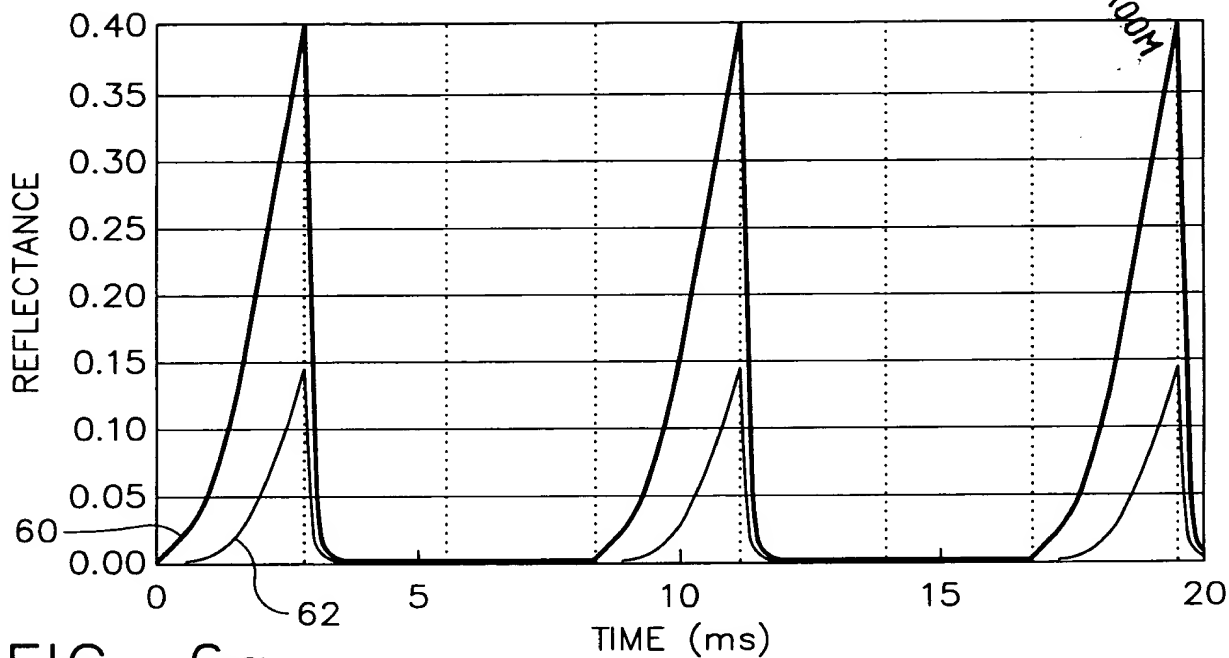


FIG. 6a

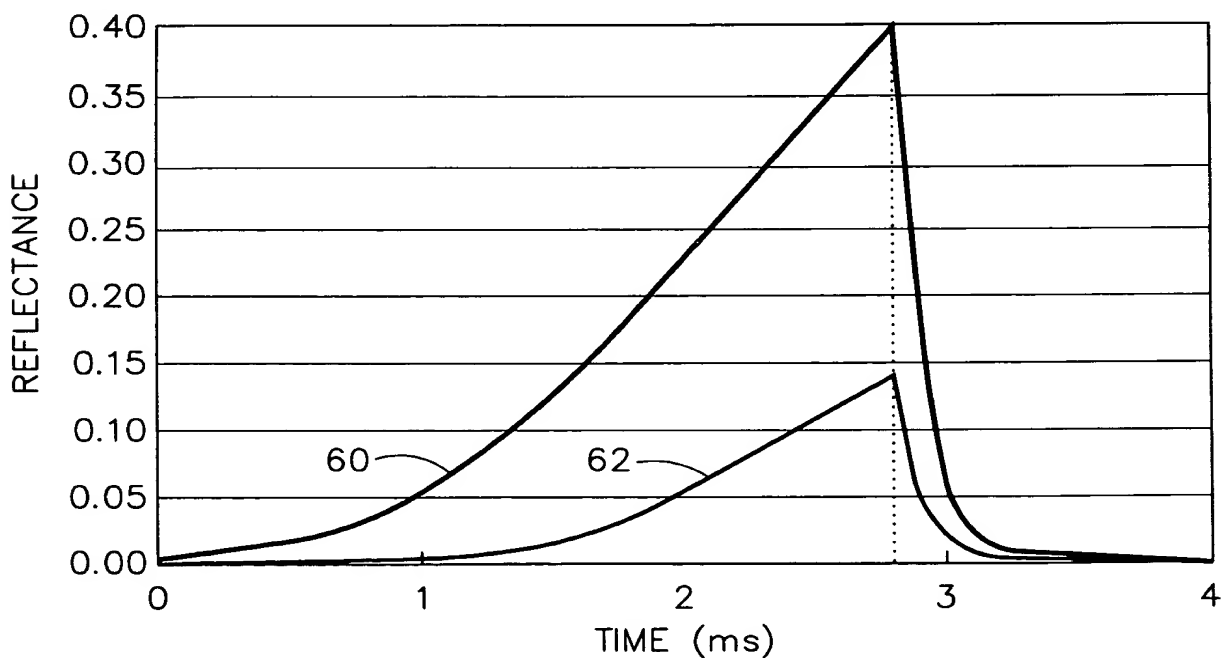
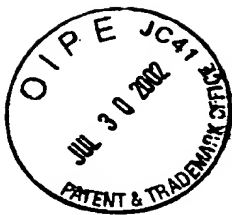


FIG. 6b



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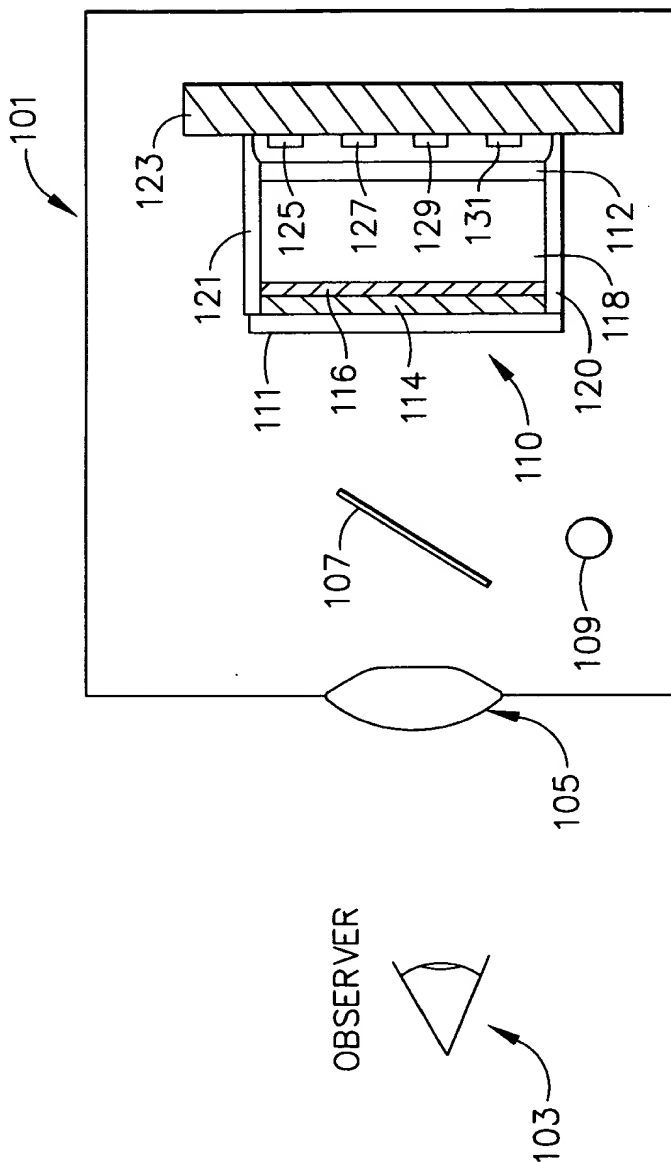


FIG. 7

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